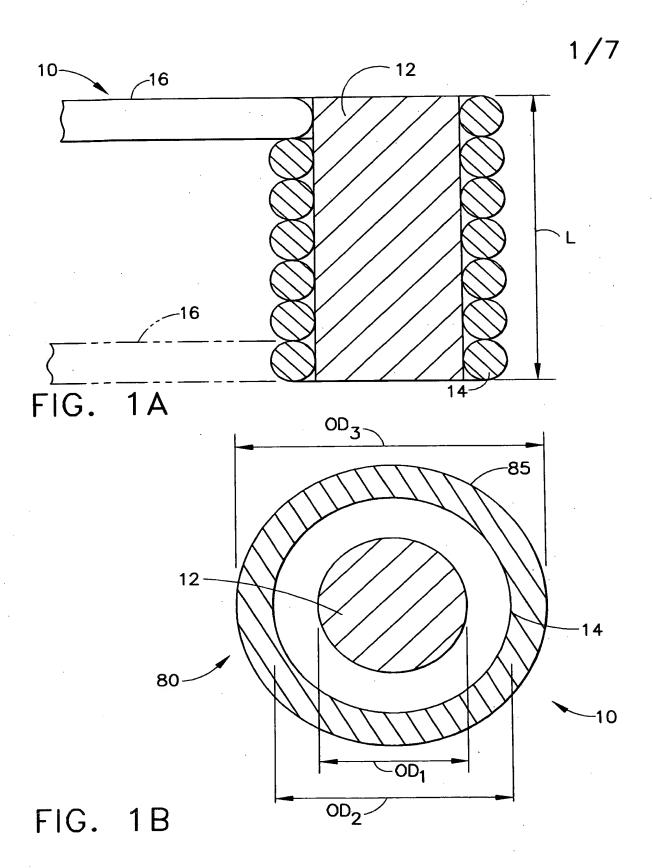


MEDICAL DEVICE WITH POSITION SENSOR HAVING ACCURACY AT HIGH TEMPERATURES INVENTOR: ASSAE GOVARI

DOCKET: BIO-131
ATTY: LOUIS J. CAPEZZUTO; PHONE: (732) 524-2218



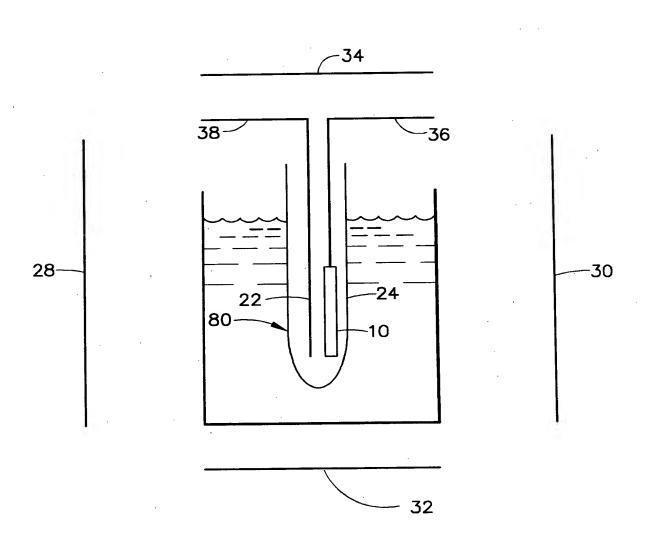
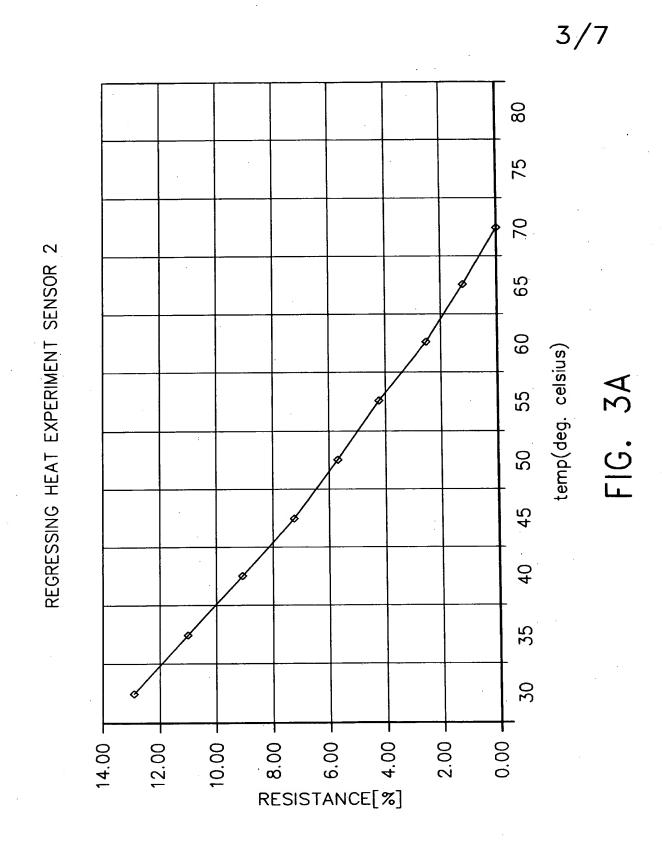
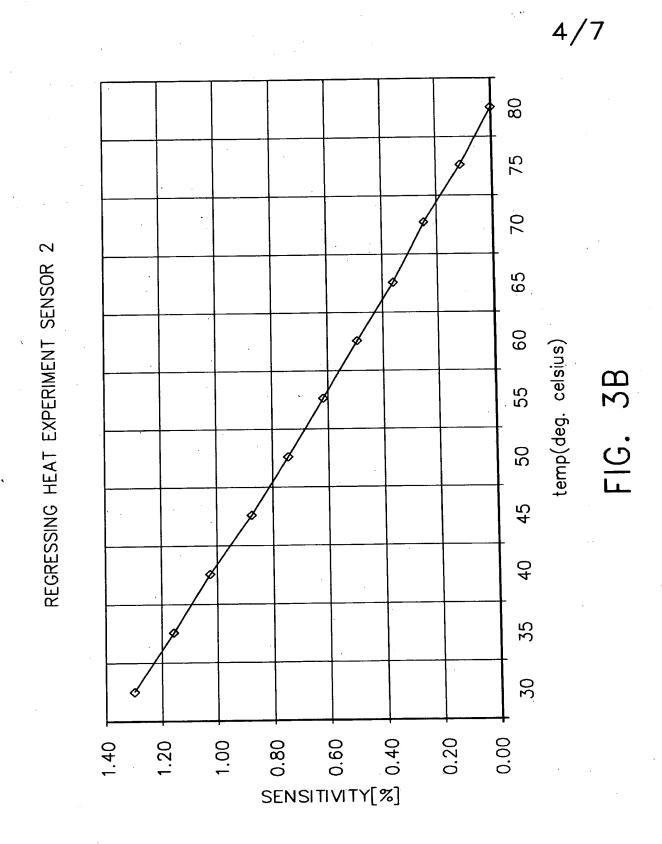
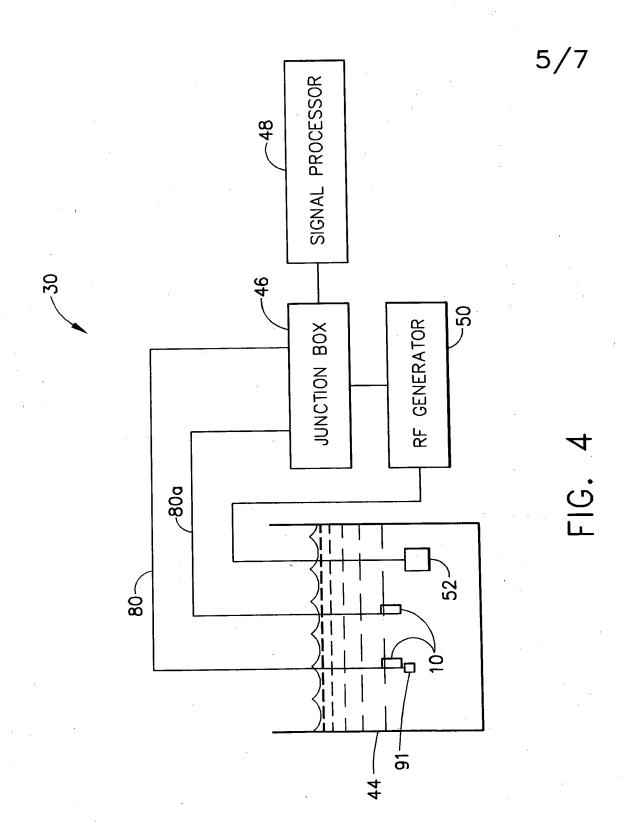


FIG. 2







INVENTOR: ASSAF GOVARI

DOCKET: BIO-131

ATTY: LOUIS J. CAPEZZUTO; PHONE: (732) 524-2218

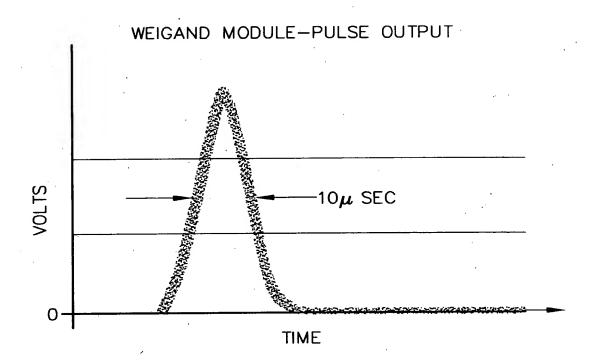


FIG. 5

MEDICAL DEVICE WITH POSITION SENSOR HAVING ACCURACY AT HIGH TEMPERATURES

INVENTOR: ASSAF GOVARI

DOCKET: BIO-131

ATTY: LOUIS J. CAPEZZUTO; PHONE: (732) 524-2218

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REGRESSING HEAT EXPERIMENT	2 3 4	resistance	13.25	11.28	9.42	7.85	6.27	4.58	3.14	1.40	0.0			279
			185.60	188.90	192.10	194.90	197.80	200.80	203.80	207.30	210.20	212.20		-0.3279
		ity	1.26	1.14	1.03	0.30	0.77	0.64	0.52	0.38	0.25	0.13	0.00	54
		sensitivity	1.31 171.80 13.17 2.6864 1.26 185.60 13.25	2.6896	2.8728	0.92 179.90 7.95 2.8765 0.90 194.90	2.8801	2.8838	2.8875	2.8913	2.8952	2.8986 0.13 212.20	2.9024 0.00	-0.0254
		93	13.17	11.42	9.50	7.95	6.95	4.80	3.19	1.25	0.00			05
		resistance	171.80	174.30	177.20	179.90	182.80	185.30	188.20	191.80	194.20	196.40		-0.3305
		 	1.31	1.18	1.06	0.92	0.76	0.62	0.45	0.34	0.24	0.10	0.00	583
		sensitivity	165.20 [12.89] 2.4537	178.90 10.96 2.3958 1.18 168.00 11.01 2.4567 1.18 174.30 11.42 2.6896 1.14 188.90 11.28	181.80 9.19 2.3990 1.03 171.00 9.06 2.4598 1.06 177.20 9.50 2.8728 1.03 192.10 9.42	173.90 7.25 2.4632	187.40 5.92 2.4057 0.74 176.40 5.73 2.4670 0.76 182.80 6.95 2.8801 0.77 197.80 6.27	190.40 4.25 2.4087 0.62 178.90 4.25 2.4705 0.62 185.30 4.80 2.8838 0.64 200.80 4.58	192.80 2.96 2.4116 0.50 181.80 2.59 2.4744 0.45 188.20 3.19 2.8875 0.52 203.80 3.14	1,38 2,4148 0,36 184,30 1,19 2,4774 0,34 191,80 1,25 2,8913 0,38 207,30 1,40	<u> 198.50 0.00 2.4176 0.25 186.50 0.00 2.4799 0.24 194.20 0.00 2.8952 0.25 210.20 0.00</u>	2.4833 0.10 196.40	2.4859 0.00	-0.0289
		ချွ	12.89	11.01	90.6	7.25	5.73	4.25	2.59	1.19	0.00			233
		resistance	165.20	168.00	171.00		176.40	178.90	181.80	184.30	186.50			-0.3233
SSI		sensitivity	1.30	1.18	1.03	0.86	0.74	0.62	0.50	0.36	0.25	0.12	0.00	20
REGRE			176.30 12.59 2.3925 1.30	2.3958	2.3990	184.40 7.65 2.4025 0.86	2.4057	2.4087	2.4116	2.4148	2.4176	2.4207 0.12	2.4236 0.00	0250
		resistance	12.59	10.96	9.19	7.65	5.92	4.25	2.96	1.38	0.00			55
			176.30	178.90	181.80	184.40	187.40	190.40	192.80	195.80	198.50			-0.3165
		_ _ <u>~</u>	1.39	1.25	1.13	1.00	0.89	0.75	0.63	0.51	0.37	0.21	000	99
		sensitivi	2.6290	2.6327	2.6356	2.6390	2.6419	2.6457	2.6489	2.6519	2.6567	2.6599	2.6555	-0.02
	I		30	35	40	45	20	55	09	65	20	75	8	slope
		_												

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8	resistance	75.40 11.74	010.4	9.3	0 8.5	0 6.8	5.8) 2.4(0.0	0.00		_	-0.3069
		175.4(177.40	179.2	180.6(183.50	185.10	0.49 [191.40	0.45 194.10	196.00			0
	sensitivity	1.11	9	0.91	0.84	0.75	0.58	0.49	0.45	0.26	0.13	0.00	-0.0219
		2.5002	2.5029	2.5053	2.5070	2.5093	2.5134	2.5157	2.5168	2.5215	2.5247 0.13	2.5280 0.00	-0.0
	resistance	20.27	19.23	15.94	12.75	11.51	10.74	4.84	1.37	0.00 2.5215			11.
		160.32 20.27 2.5002 1.11	1.20 161.70 19.23 2.5029	1.05 166.30 15.94 2.5053 0.91 179.20 9.38	<u>0.92 171.00 12,75 2.5070 0.84 180.60 8.53</u>	0.75 172.90 11.51 2.5093 0.75 183.50 6.81	0.61 174.10 10.74 2.5134 0.58 185.10	0.48 183.90 4.84 2.5157	0.39 190.20 1.37 2.5168	0.25 192.80			-0.5271
7	sensitivity	1.32	1.20	1.05			0.61	0.48	0.39	0.25	0.13	0.00	-0.0266
		[67.4 [13.02] 2.4290	11.56 2.4319	10.06 2.4356	8.30 2.4387	6.71 2.4428	5.35 2.4452	3.84 2.4494	2 49 2 4516	23 2.4546	0.00 2.4580	2.4511	-0.0
	resistance	13.02	11.56	10.06	8.30	6.71	5.35	3.84	2 49	1.23	0.00		934
		167.4	169.6	1/1.9	174.7	177.3	179.6	182.2	184.6	186.9	189.2		-0.2934
	sensitivity	11.25	1.15	1.04	06.0	0.79	99.0	0.52	78	160	0.13	00.0	253
		2.4057	2.4061	2,4108	2 4141	5 38 2 4157	2 4196	2 20 2 42 32 0 52	103 24265 0 38	0.00 2.4293	2 4326	2 4358	-0.0
	resistance	12.16	10.49	8 90	717	5 38	303	2,00	107	00.0	0.0		3124
!		235.7	239.3	242.8	24F 7	250.9	254 4	258.7 758.7	7617	764.4	7679	20110	-03
5	wity	100	0.97	0.84	0.74	0.63	0.51	0.40	72	70.00	0.10	200	3
	sensitivit	3 3480	3 3506	3,3533	3 356R	3,300	3 3642	7 7574	2,702 5	37740	3 3780	3 3R15	0.301 - 0.7
8		92	35	40	A5	26	7,7	30	200	35	7,	26	Solo